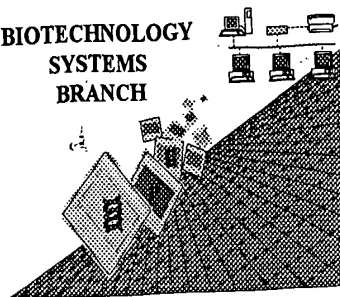


RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/993,808

Source: OIPE

Date Processed by STIC: 12/5/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/993,808

DATE: 12/05/2001
TIME: 09:55:41

Input Set : A:\1146SEQLIST.TXT
Output Set: N:\CRF3\11212001\I993808.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: Gordon-Kamm, William
5 Lowe, Keith
6 Sun, Yuejin
7 Dilkes, Brian
8 Larkins, Brian
11 <120> TITLE OF INVENTION: Cell Cycle Nucleic Acids, Polypeptides,
12 and Uses Thereof
14 <130> FILE REFERENCE: 1146
16 <140> CURRENT APPLICATION NUMBER: US/09/993,808
16 <141> CURRENT FILING DATE: 2001-11-06
16 <160> NUMBER OF SEQ ID NOS: 6
18 <170> SOFTWARE: FastSEQ for Windows Version 3.0

ERRORED SEQUENCES

109 <210> SEQ ID NO: 2
110 <211> LENGTH: 702 256 (p. 2)
111 <212> TYPE: PRT
112 <213> ORGANISM: zea mays
114 <220> FEATURE:
115 <221> NAME/KEY: VARIANT
116 <222> LOCATION: (1)...(256)
117 <223> OTHER INFORMATION: Xaa = Any Amino Acid
119 <400> SEQUENCE: 2
120 Met Gly Lys Tyr Met Arg Lys Cys Arg Gly Ala Ala Gly Ala Glu Val
121 1 5 10 15
122 Ala Ala Val Glu Val Thr Gln Val Val Gly Val Arg Thr Arg Ser Arg
123 20 25 30
124 Ser Ala Ala Ala Thr Gly Gly Val Ala Lys Val Ala Pro Arg Arg Lys
125 35 40 45
126 Arg Ala Pro Ala Gly Glu Pro Ala Ala Ala Val Ser Ala Gly Gly Asp
127 50 55 60
128 Gly Gly Ser Cys Tyr Ile His Leu Arg Ser Arg Met Leu Phe Met Ala
129 65 70 75 80
130 Pro Pro Gln Pro Gln Pro Ser Val Asp Ser Val Pro Thr Pro Val Glu
131 85 90 95
132 Ala Ala Asp Gly Ala Ala Gly Gln Gln Gly Ala Ala Leu Ala Ala Gly
133 100 105 110
134 Leu Ser Arg Cys Ser Ser Thr Ala Ser Ser Val Asn Leu Gly Leu Gly
135 115 120 125
136 Gly Gln Arg Gly Ser His Thr Cys Arg Ser Tyr Asp Ala Ala Glu Ala
137 130 135 140
138 Gly Gly Asp His Val Leu Val Asp Val Ser Ala Ala Ser Asn Ser Gly
139 145 150 155 160
140 Ser Gly Pro Asp Arg Glu Arg Arg Glu Thr Thr Pro Ser Ser Arg Ala
141 165 170 175

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/993,808

DATE: 12/05/2001
 TIME: 09:55:41

Input Set : A:\1146SEQLIST.TXT
 Output Set: N:\CRF3\11212001\I993808.raw

```

142 His Gly Glu Leu Ser Asp Leu Glu Ser Asp Leu Ala Gly His Lys Thr
143           180           185           190
144 Gly Pro Ser Leu Pro Ala Ala Thr Pro Ala Ala Glu Leu Ile Val Pro
145           195           200           205
146 Pro Ala His Glu Ile Gln Glu Phe Phe Ala Ala Ala Glu Ala Ala Gln
147           210           215           220
148 Ala Lys Arg Phe Ala Ser Lys Tyr Asn Phe Asp Phe Val Arg Gly Val
149           225           230           235           240
150 Pro Leu Asp Ala Gly Gly Arg Phe Glu Trp Ala Pro Val Val Ser Ile
           245           250           255
E--> 151
  
```

fyi Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/993,808

DATE: 12/05/2001

TIME: 09:55:42

Input Set : A:\1146SEQLIST.TXT

Output Set: N:\CRF3\11212001\I993808.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:151 M:252 E: No. of Seq. differs, <211>LENGTH:Input:702 Found:256 SEQ:2
L:299 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:354 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6